



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

646.3311
Job Sheet 170456



Part No: 646.3311

Job Qty: 4 ea

Part Name: RH Half - Upper Cutter Assembly



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/16/18

Job Tracking No:

Due Date: 1/24/18

Created By: Linda Lacelle

Type: SOLD

Description:

Note: DWG REV A IPP REV:A NEW ISSUE 12/11/27 JFS VERIFY BY: JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	4 Ea		1/24/18	0.00	0.00	Start Up Machining-1		
110	CNC Vertical Machining	4 pcs		1/24/18	0.59	5.26	HAAS1-1		
120	QC	4 pcs		1/24/18	0.00	0.00	QC2 Machining-1		
130	QC	4 pcs		1/24/18	0.00	0.00	QC8 Machining-1		
140	Outsource	4 pcs		1/24/18			ATG001-VC		
150	Packaging	4 pcs		1/24/18	0.00	0.00	Packaging2		
155	QC	4 pcs		1/24/18	0.00	0.00	QC5		
180	Packaging	4 pcs		1/24/18	0.00	0.00	Packaging3-1		
190	QC21-SA	4 Ea		1/24/18	0.00	0.00	QC21		

Part Op 110 - 1-Machine per folio FB154

Descriptions: 140 - Issue P/O to ATG : P0039326

180 - ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***

5050525

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	M7075T6S7.000X2.000	4	0	0	0

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Rejected/Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																																																															
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Dart Aerospace Ltd. 1270 Aberdeen Street Newbury, OH 43054 Tel: 614 892-8200 Email: sales@dartaero.com www.dartaero.com DART AEROSPACE Container No: 8050527 Part: 646.3311 Job No: 170456 Serial No/Batch: 8050527 Revision: _____ Inspector: _____ Date: 03/13/18		Completed By _____ _____ _____																																																																																																																	
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Part Specifications					
Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	RH Half	7.296inches $\pm$ 0.005	7.301 7.291		
2	RH Half	3.767inches $\pm$ 0.005	3.772 3.762		
3	RH Half	0.457inches $\pm$ 0.005	0.462 0.452		
4	RH Half	0.313inches $\pm$ 0.005	0.318 0.308		
5	RH Half	0.710inches $\pm$ 0.005	0.715 0.705		
6	RH Half	6.469inches $\pm$ 0.005	6.474 6.464		
7	RH Half	10.116inches $\pm$ 0.005	10.121 10.111		
8	RH Half	10.309inches $\pm$ 0.005	10.314 10.304		
9	RH Half	0.177inches $\pm$ 0.005 - 0.001	0.182 0.176	diameter	
10	RH Half	0.209inches $\pm$ 0.005 - 0.001	0.214 0.208	diameter	
11	RH Half	0.250inches $\pm$ 0.005	0.255 0.245		
12	RH Half	1.250inches $\pm$ 0.005	1.255 1.245		
13	RH Half	0.125inches $\pm$ 0.005	0.130 0.120	Radius	
14	RH Half	3.513inches $\pm$ 0.005	3.518 3.508		
15	RH Half	8.375inches $\pm$ 0.005	8.380 8.370		
16	RH Half	0.250inches $\pm$ 0.005	0.255 0.245		
17	RH Half	8.100Degrees $\pm$ 0.500	8.600 7.600	Angle	
18	RH Half	11.689inches $\pm$ 0.005	11.694 11.684		
19	RH Half	11.250inches $\pm$ 0.005	11.255 11.245		
20	RH Half	0.200inches $\pm$ 0.005	0.205 0.195		
21	RH Half	45.000Degrees $\pm$ 0.000	45.000 45.000	Angle	

Plex 1/16/18 1:31 PM dart.lacelle.linda

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO039326**

Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO039326
PO Date: 3/15/18
Due Date: 3/30/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Tsimiklis, Chrisoula

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	170456	646.3311	RH Half - Upper Cutter Assembly Issue P/O to ATG : _____	Firmed	3/30/18	4 pcs	4 pcs	4 pcs	\$24.62/pcs	\$98.48
2	172994	D5576-1	Deflector, Upper Cable Cutter Issue P/O to ATG : _____ Black Anodize & Prime as per Dwg. D5576 Certification of Conformity is required.	Firmed	3/30/18	2 pcs	0 pcs	2 pcs	\$16.22/pcs	\$32.44
3	172993	D5575-1	Deflector, Lower Cable Cutter Issue P/O to ATG : _____ Black Anodize & Prime as per Dwg. D5575-1 Certification of Conformity is required.	Firmed	3/30/18	2 pcs	0 pcs	2 pcs	\$15.02/pcs	\$30.04
4	170455	646.3310	LH Half - Upper Cutter Assembly Issue P/O to ATG : _____ 1- Black Anodize as per Dwg 646.3300	Firmed	3/30/18	4 pcs	4 pcs	4 pcs	\$24.62/pcs	\$98.48
5	171160	646.3310	LH Half - Upper Cutter Assembly Issue P/O to ATG : _____ 1- Black Anodize as per Dwg 646.3300	Firmed	3/30/18	11 pcs	0 pcs	11 pcs	\$24.62/pcs	\$270.82
Grand Total:										\$530.26

Order Notes

CT.



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914893

Date: 06-Apr-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chantal Lavoie
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.			
4 ea	Part: 646.3311 RH Half Upper Cutter Assembly Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22752	Rev: A	PO: PO039326 Line: 1
4 ea	Part: 646.3310 LH Upper Cutter Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22755	Rev: A	PO: PO039326 Line: 4
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CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>6/4/18</u> Certified Signature: <u>[Signature]</u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of Made in Canada.			